2. (Amended) Use of a recording sheet according to claim 1, wherein the paper substrate contains between 50 and 400, preferably between 100 and 300, more preferably approximately 200 parts dry weight of aluminium trihydrate to 800 parts dry weight of pulp.

3. (Amended) Use of a recording sheet according to claim 1, wherein the recording sheet has a surface treatment including magnesium sulphate and polyvinyl pyrrolidone.

5. (Amended) Use of a recording sheet according to claim 1, wherein the recording sheet has a surface treatment including starch and polyvinyl alcohol.

7. (Amended) Use of a recording sheet according to claim 5, wherein the surface treatment including starch and polyvinyl alcohol is applied to the paper at a rate of 1 to 2g/m^2.

8. (Amended) Use of a recording sheet according to claim 1, wherein the recording sheet has a surface treatment including a soluble or insoluble metal from Groups II and III or the Transition Metals of the Periodic Table.

9. (Amended) Use of a recording sheet according to claim 1, wherein the recording sheet is substantially opaque.

10. (Amended) A method of printing on a recording sheet using a digital printing press, characterised in that the recording sheet is as defined in claim 1.

13. (Amended) A method according to claim 11, the method including treating the surface of the paper with a surface treatment including magnesium sulphate and polyvinyl pyrrolidone.

15. (Amended) A method according to claim 11, the method including treating the surface of the paper with a surface treatment including starch and polyvinyl alcohol.

17. (Amended) A method according to claim 15, wherein the surface treatment including starch and polyvinyl alcohol is applied to the paper at a rate of 1 to 2g/m^2.

18. (Amended) A method according to claim 15, wherein a surface treatment including magnesium sulphate and polyvinyl pyrrolidone and a surface treatment including starch and polyvinyl alcohol are applied to the paper surface as separate treatments.

19. (Amended) A method according to claim 12, the method including treating the surface of the paper with a surface treatment including a soluble or insoluble metal from Groups II and III or the Transition Metals of the Periodic Table.

28. (Amended) Use of a recording sheet according to claim 20, wherein the binder substance is selected from a group consisting of polyvinylpyrrolidone, polyvinyl alcohol, carboxylated cellulosic polymers, polyacrylic acids, hydroxylated polyacrylates, polyacrylamides, starches and gelatine.

30. (Amended) Use of a recording sheet according to claim 28, wherein the binder substance has a molecular weight in the range 790,000 to 1,350,000.

33. (Amended) Use of a recording sheet according to claim 20, in which the substances are applied to the surface of the recording sheet as an aqueous solution.

34. (Amended) Use of a recording sheet according to claim 1, in which the recording sheet has a substantially uncoated appearance.

35. (Amended) Use of a recording sheet according to claim 1, the recording sheet being suitable for use on a digital press, in a lithographic printing process, for laser printing, inkjet printing with dye and pigment based inks and hot melt imaging.

36. (Amended) Use of a recording sheet according to claim 20, wherein the recording sheet is translucent or transparent.